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E7.4-10701
CR-139321

SKYLAB

- A. Title of investigation: The Great Basin Investigation
- B. Number of investigation: #357
- C. Period covered: Monthly progress report for July, 1974
- D. Contract number: 9-13274
- E. Principal Investigations Management Office, Lyndon B. Johnson Space Center
- F. Technical Monitor name: Martin Miller TF6
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- H. Type of report: Monthly Progress Report for July 1974

(E74-10701) THE GREAT BASIN
INVESTIGATION Monthly Progress Report,
Jul. 1974 (Nevada Univ.) 2 p HC \$4.00

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Unclas
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I. Overall Status:

1. Contact negatives from the black and white positive transparencies have been made in house from the 5-190B photography, taken during SL-3 along Track #20. These data which were taken on August 12, 1973 at 8:20 in the morning are an excellent example of high resolution low sun angle photography. We have made some in house enlargements of individual frames at a scale of 1:250,000 which are being analyzed in conjunction with the transparent positives in relation to fault studies.
2. Small scale low sun angle photography is proving very useful in developing the geologic structural patterns which characterize the Basin and Range province.
3. We are currently assisting other investigators in this area who are conducting a geothermal exploration program which NASA Houston flew thermal systems over, on the day and night Mission #268. Current plans to acquire additional high altitude black and white low sun angle photography are being implemented with the agreement that such data will be available for our Skylab studies.

J. Expected accomplishments for next reporting period.

1. We will be implementing the geothermal contract with J.P.L. during August and September.